Australia
New Zealand

FF893

Cordless telephone with digital answering system

Computer & Telephone Services Ltd
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This equipment is not designed for making emergency telephone calls when the power fails. Alternative arrangements should be made for access to the emergency services.

User guide

AUDIOLINE®

IMPORTANT INFORMATION

Use only AUDIOLINE approved cadmium-free NiMH rechargeable battery pack within the handset. Never use other packs. Your replacement packs are available from DORO Australia and many leading retailers.

Do not use any power supply except the one provided (Approval No. N/12462). Connection of any other adaptor could compromise the compliance with Australian/New Zealand standards.

This is a rechargeable product and it is normal that a certain amount of heat will be generated during the charging process. Whilst this is safe, it is recommended that this product is not placed on sensitive surfaces.

PARTS LIST

In the box you should find the following items:

- # Handset
- # Base Unit
- # NiMH battery pack (3.6V 600mA/H)
- # Handset antenna
- AC Adaptor
- Line cord & adaptor plug
- User guide
- Wall mounting bracket

Please contact your retailer if any item is missing or damaged.

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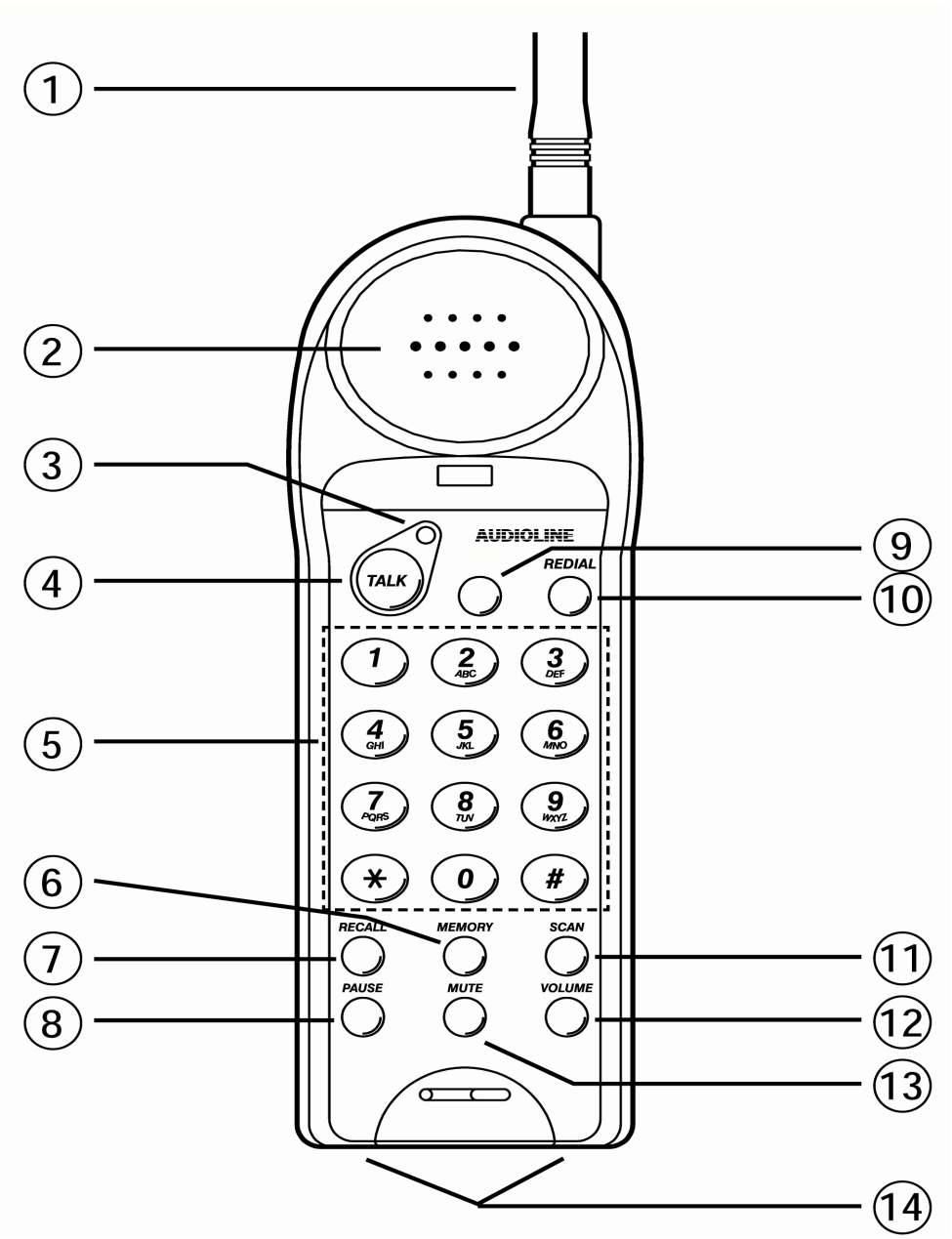
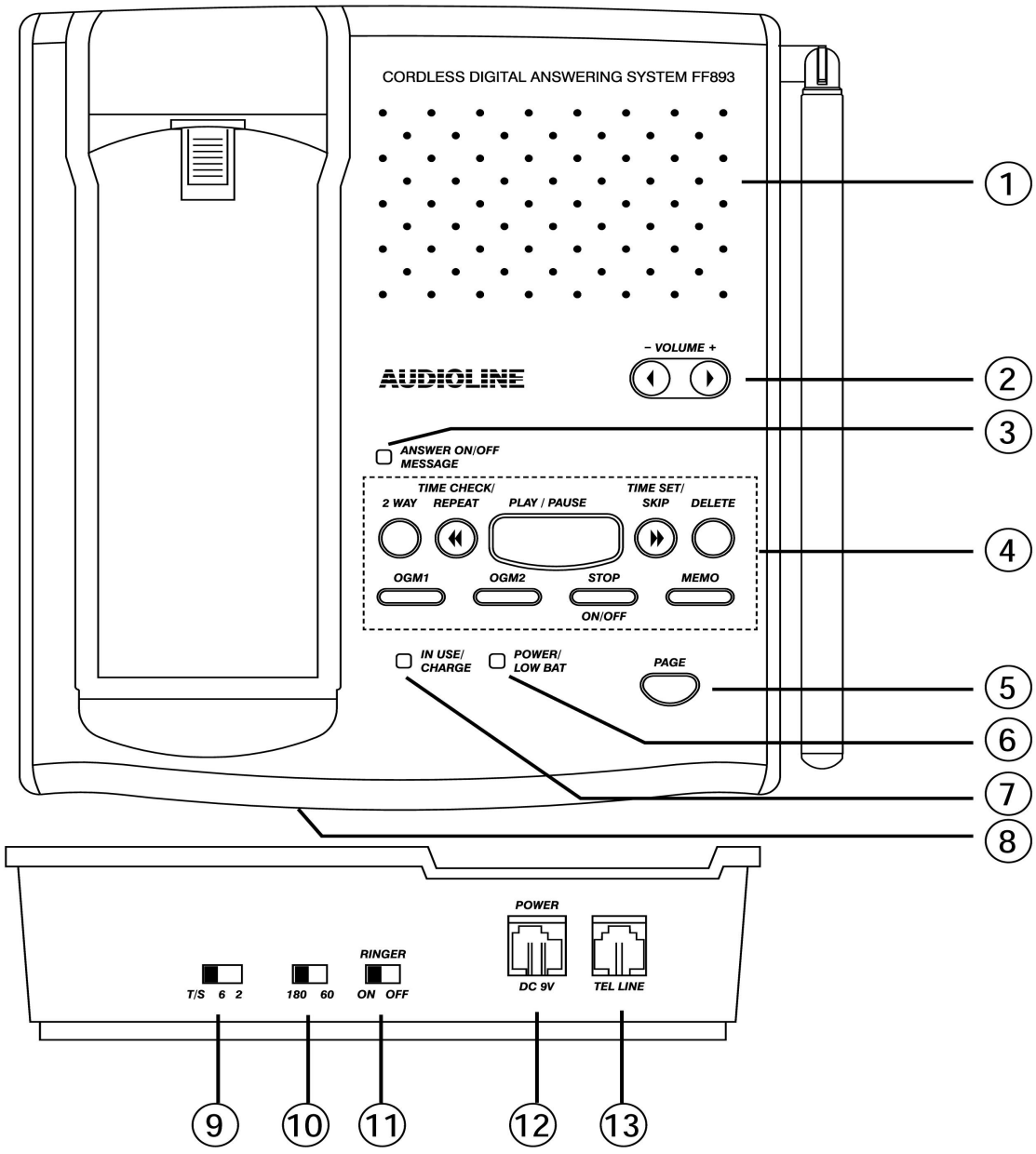
HANDSET FUNCTIONS



1. Antenna
2. Earpiece
3. Talk LED
4. Talk Button
5. Keypad
6. Memory button
7. Recall button
8. Pause button
9. Call Waiting button
10. Redial button
11. Scan button
12. Volume button
13. Mute button
14. Charging contacts

BASE UNIT FUNCTIONS



1. L ou
   d speaker
2. Speaker Volume control
3. Answer ON/Off, Message LED
4. Answering machine function keys
5. Page button
6. Power / Low Battery LED
7. In use / Charge LED
8. Microphone
9. T/S, 6, 2 ring select
10. 180/ 60 Incoming message time
11. Ringer On/Off switch
12. Connect to the FF893 power supply
13. Connect to the telephone line

POSITIONING THE BASE UNIT

It is essential for best performance of the telephone system that the base unit be positioned properly in your home or office.

Place the base unit close to a telephone network socket and a 230/240 volt mains outlet.

If the range of operation between the handset and the base unit is not satisfactory, try repositioning the base unit, but:

- Do not position the unit in direct sunlight, damp or high humidity locations.
- Do not position the unit close to: electrical equipment such as TV's, computers, fridges, etc., or close to radiators, metal pipes or window frames.

BASE INSTALLATION

Connect the power supply cord to the rear of the base unit and plug into the 230/240 volt mains outlet.

You will hear "Please wait"and the answer ON/OFF and power LEDs will flash for around 25 seconds, then a confirmation tone will be heard.

FITTING BACK-UP BATTERIES IN BASE UNIT

It is essential to fit four "AAA" size 1.5v Alkaline batteries (not rechargeable type) to ensure your messages are not lost during a mains power failure. Note, batteries not included. To install or replace batteries do the following:

- Disconnect the line cord from the telephone.
- Locate battery compartment on underside of base unit.
- Insert blunt instrument into small square hole and prise cover gently open.
- Insert batteries observing correct polarity.
- Replace battery cover.
- Reconnect telephone cord.

NOTE: The POWER/LOW BAT indicator will flash continuously if back-up batteries are not fitted or are discharged.

HANDSET BATTERY INSTALLATION

To install or change the battery do the following:

- Remove the battery cover by applying gentle pressure to the rear of the handset and slide downwards.

- Insert the battery (supplied), **observing correct polarity** (ensure red wire is on left hand side) and replace the battery cover. **FIT the aerial to the handset.**

- Place handset onto base unit (face up or down) and **charge for 14 hours**. The telephone should not be used during this time.

- Connect the telephone line cord to the rear of the base unit and plug into the telephone network socket.

- Your FF893 is now ready for use.

HANDSET BATTERY CARE

For maximum life from your battery, do the following:

- After initial charging the base unit must remain connected to the mains power.

- If the telephone is not to be used for a substantial period of time, i.e. holidays, disconnect the mains power adaptor.

- When power is reconnected you must recharge the handset for 14 hours.

- To maintain optimum condition, discharge the batteries fully every 4 months, and then recharge for 14 hours.

- The batteries will need replacing if there are signs of leakage, or the batteries will not hold a charge for more than two hours.

NOTE: From new, the batteries after they have been installed, must be charged for 14 hours without interruption.
Use only AUDIOLINE approved cadmium-free Nickel Metal Hydride (NiMH) rechargeable batteries. **The guarantee will be invalid if any problems arise as a result of the use of an incorrectly specified battery.**

MAKING A CALL

Press the [TALK] button.

Dial the telephone number.

To terminate the call, press the [TALK] button or replace the handset on the base unit.

RECEIVING A CALL

When an external call is received, the base unit will ring first and the in-use LED will flash.

If the handset is on the base unit, you will be connected automatically with your caller as soon as the handset is lifted. The [TALK] button will be disabled for around 4 seconds after the handset is lifted to prevent accidental operation. To finish the call, replace the handset on the base unit or press the [TALK] button.

If the handset is off the base unit, press the [TALK] button when the handset rings. To terminate the call, press the [TALK] button or place the handset on the base unit.

LAST NUMBER REDIAL

The last number dialled is stored automatically in the memory. To recall a number do the following:

Press the [TALK] button (wait for dial tone) and then the [REDIAL] button. The number will be dialled automatically.

HANDSET VOLUME CONTROL

The volume level in the earpiece can be increased or decreased (normal or high) using the [VOLUME] button during a call.

RANGE WARNING

If you are on a call using the handset and move out of range of the base unit, the sound quality in the handset earpiece will de-grade and the out of range alarm will be heard. You should move back into range of the base unit to regain good sound quality.

LOW BATTERY INDICATOR

When the handset battery is low, the "Talk" LED will flash and an alert tone will sound every 30 seconds. The handset will automatically disconnect the line and will not operate after 3 minutes. If the battery is low in standby mode the unit will not operate after 5 minutes from the first warning.

It is recommended that you recharge the handset battery for 14 hours.

PAGE/FIND HANDSET

To page a handset, or locate a missing handset, press the [PAGE] button on the base unit. The handset will ring for approximately 15 seconds.

To stop this action, press the [PAGE] button on the base unit.

INCOMING CALL DURING PAGING

If an incoming call is received while paging the handset, the base and the handset will ring, press the [TALK] button on the handset to connect the call.

RINGER ON/OFF SETTINGS

BASE

To set the ringer of the base, use the ringer ON/OFF switch on the rear of the base unit (see page 3).

HANDSET

To set the ringer of the handset use the following key commands.

Ringer ON (default) press [MEMORY] then [VOLUME] buttons.
Ringer OFF press [MEMORY] then [MUTE] buttons.

MEMORY NUMBERS

Nine of your most frequently used telephone numbers can be stored in the memory. Storing of numbers should be done via the handset.

STORING MEMORY NUMBERS

To store numbers in memory do the following:

- Press and release the [MEMORY] button, the Talk LED will flash.
- Press and release the location button (1 - 9) on the keypad where you wish to store the number.
- Enter the number you wish to store (max 20 digits). If you wish to insert a pause in the number, press the [PAUSE] button.
- Press and release the [MEMORY] button.
- A confirmation tone will be heard and the handset will return to standby.

NOTE: If you want to insert a recall in the memory press the [RECALL] button.

DIALLING MEMORY NUMBERS

- Press the [TALK] button (wait for dial tone).
- Press the [MEMORY] button.
- Press the appropriate number location (1-9)
- The number will be dialled automatically.

MUTE BUTTON

The [MUTE] button will cut off the handset microphone when pressed. This will allow you to speak privately to a third party. Press the [MUTE] button again to switch the handset microphone back on. While the mute is active the Talk LED will flash and there will be a double beep every 15 seconds to remind you.

PAUSE FUNCTION

If you need to enter a pause into the dialling sequence eg., on an international or a call through a switchboard, you can insert a 2 second pause with the [PAUSE] button.

CALL WAITING

Your telephone lets you take advantage of the Call Waiting service supplied by Telstra (Australia). With the call waiting service activated do the following:

- When a call comes in while you are on the phone, you will hear the Call Waiting beeps.

- Press the [CALL WAITING] button on the handset. The first caller is put on hold and you can talk to the second caller.

- To toggle between callers, simply press the [CALL WAITING] button again.

- Press the [TALK] button when you are finished.

REPROGRAMMING CALL WAITING BUTTON

The call waiting button can be reprogrammed as a one-touch memory button (priority). Follow the storage procedure in Storing Memory Numbers (page 8) and press the Call Waiting button as the location number.

To revert back to call waiting function, do the following:

- Press [MEMORY] button.
- Press [CALL WAITING] button.
- Press [MEMORY] button.

RECALL

The recall button allows you to access optional features available from your Network provider and various PBX/PABX facilities.

SCAN BUTTON - CHANNEL SELECT

It is possible to optimise the call quality during a call. To change operating channel do the following:

- Press the [SCAN] button during conversation.

- The telephone conversation will be briefly interrupted during the search, however the call will be resumed when a clearer channel is found.

SETTING THE CLOCK

It is necessary to set the internal clock in the system to the current time. To set the time do the following:

- Press the [TIME/SET/SKIP] button until you hear “Sunday”.
- Press [TIME/SET/SKIP] to forward to the day required.
- Press the [STOP] button to confirm the day selected (you will then hear 12.00am).
- Press the [TIME/SET/SKIP] button to forward to the required hour.
- Press the [STOP] button to confirm the hour selection (you will then hear 0)
- Press the [TIME/SET/SKIP] button to forward to the minutes required.
- Press the [STOP] button to confirm the minute selection.
- The day/time is now set and the unit will announce the setting (eg. Tuesday, 6.25PM).

The unit will reset after 10 seconds if no buttons are pressed.

NOTE: Use the [TIME CHECK/REPEAT] to reverse the announcements in the steps above.

ANSWER ON/OFF

- The answering system is preset to ANSWER ON when power is applied. The ANSWER ON/OFF LED will illuminate.
- The system setting can be changed to ANNOUNCE ONLY mode by pressing the [OGM2] button. The system can be set back to answer ON by pressing the [OGM1] button.
- The system can be turned off by pressing the [ON/OFF] button.
- There will be an announcement and a LED indication of the selected mode of operation (see page 15).

THE OUTGOING MESSAGES (OGM)

OGM1 - PRE-RECORDED MESSAGE

Your answering system is pre-recorded with the following message to your caller: 'Please leave your message after the tone'

To listen to this message, press and release the [OGM1] button.

NOTE: Once the OGM1 is played, the system will set to "ANSWER ON".

OGM1 - YOUR OWN RECORDING

You can record your own message, it will replace the pre-recorded message.

Press and hold the [OGM1] button until you hear a beep.
Record your message (minimum 4 seconds, maximum 30 seconds), speaking clearly towards the microphone at the front of the system.
Release the [OGM1] button when finished.
The system will replay your recording for verification.
To hear your recording at any time, press and release the [OGM1] button.
To revert to the pre-recorded message, press the [DELETE] button while OGM1 is playing.

OGM2 - PRE-RECORDED MESSAGE

OGM2 is for the announcement only message which can be used to relay information. It will also be played when the answering system is full.

The message "ANNOUNCE ONLY" is pre-recorded.

OGM2 - YOUR OWN RECORDING

To record your own OGM2, follow the OGM1 procedure above using the [OGM2] button instead of the [OGM1] button. The maximum recording time is 2 minutes.

NOTE: Once the OGM2 is played, the system will set to ANNOUNCE ONLY mode. In this mode callers will not be able to leave a message so it is advisable to instruct your callers to call back later or to contact you at an alternative number.

MESSAGE PLAYBACK

- When a message has been received the MESSAGE LED on the base will flash quickly.
- Press the [PLAY/PAUSE] button to play the messages.
- When all the messages are played you will hear a long tone.
- If there are no messages when you press the [PLAY/PAUSE] button, you will hear 3 beeps (error tone).

NOTE: Your answering system can store messages up to a total of 14 minutes recording time.

OPTIONS DURING MESSAGE PLAYBACK

- Press STOP to stop.
- Press SKIP to forward to the next message.
- Press REPEAT to repeat the current message.
- Press REPEAT TWICE to return to the previous message.
- Press PLAY/PAUSE while a message is playing to pause playback. Press again to continue playback. You will hear a tone every second when paused. After pausing for 2 minutes the FF893 will continue playback automatically.
- Press DELETE while a message is playing to erase the current message.

MESSAGE COUNTER

When there are new messages received, the MESSAGE LED becomes a message counter for the new messages. If there are 3 new messages, the LED will flash 3 times and then idle for a while, then flash 3 times again.

VOLUME CONTROL

Press the volume +/- buttons on the base unit to adjust the volume.

DELETE ALL OLD MESSAGES

Press and hold the [DELETE] button until you hear a tone. NOTE: New messages will not be deleted.

MEMO RECORDING

Instead of writing notes on paper you can inform your family/office by recording a memo. The family or office staff can access the memo to get your message. To record a memo message do the following.

- Press and hold the [MEMO] button until a beep is heard.
- Record your memo.
- When you have finished, release the [MEMO] button.

2-WAY RECORDING

- Press and hold the [2 WAY] button until you hear a tone.
- The conversation between you and the caller will be recorded.
- Press the [STOP] button to stop recording.

NOTE: The 2 WAY RECORDING will be treated as a new message. Press the [PLAY/PAUSE] button to playback.

ANSWERING CALLS

The switch TS/6/2 at the rear of the system determines how the system answers calls.

2 = the system will answer a call after 2 rings
6 = the system will answer a call after 6 rings
T/S = the system will answer a call after 2 rings if new messages are recorded and after 6 rings if no new message exists.

INCOMING MESSAGE RECORDING TIME

Select 180 or 60 seconds recording time for your callers (see page 3).

REMOTE ACCESS

Your FF893 allows you to control the system from an outside phone.

ENTERING REMOTE CONTROL

To enter the remote control mode, do the following:

- Call your phone from a tone dialling telephone.
- When you hear the greeting, enter the 3-digit security code after the beep (located on the bottom of the base unit). This must be done within 20 seconds.
- Enter the control codes (from the table below) after the second beep.
- To exit the remote control mode, hang-up the phone or press the [*] button.

REMOTE CONTROL CODES

To	Press
Playback OGM1	1
Playback OGM2	2
Record OGM1	#1 (Press 9 to stop)
Record OGM2	#2 (Press 9 to stop)
Record Memo	#3 (Press 9 to stop)
Repeat current message	4
Go back one message	44
Play all messages	5
Skip to next message	6
Change answer mode	8
Stop	9
Delete current message	0
Delete all messages	#0
Stop all operations and release the line	*

REMOTE TURN ON THE SYSTEM

If you forget to switch your system on before leaving home, simply do the following:

- # Call your telephone number, the FF893 will answer after 12 rings.
- # Enter your 3-digit security code after the beep (you have 20 seconds).
- # Enter required command/s after the second beep.

NOTE: If no command is entered within 20 seconds of entering the security code the system will drop the line.

MEMORY FULL

If the recording memory is full, your answering system will playback OGM2 when receiving calls. After hearing OGM2, there will be a 10 second time period for entry of the security code before the system drops the line.
When the memory is full, all the recording functions Incoming Message, OGM1, OGM2, MEMO and 2 Way are not available.

LED INDICATIONS FOR THE ANSWERING SYSTEM

STATUS	POWER/LOW BAT LED	ANSWER ON/OFF MESSAGE LED
Self test & initialisation	Flash slowly	Flash slowly
Answer ON	ON (back up battery OK)	ON (no message)
Answer OFF	ON (back up battery OK)	OFF
System busy	ON (back up battery OK)	Flash slowly
No message	ON (back up battery OK)	ON
New message received	ON (back up battery OK)	Flash with message count
Played message only	ON (back up battery OK)	ON
Memory full	Flash fast	Flash fast
B/up Batt low/not installed	Flash slowly	ON (no message)

TROUBLESHOOTING

All cordless telephones are radio transmitters and receivers and as such are subject to interference from a wide range of sources.

Re-siting of the base unit can improve reception substantially.

Electronic equipment like TV's, computers, etc., can emit strong electro magnetic fields which can affect the radio signals. Try not to locate your FF893 next to this type of equipment and ensure that the power and line cords are separated from other electrical units.

THE TELEPHONE DOES NOT WORK

- Is the power adaptor connected correctly?
- Is the line cord connected correctly?
- Is the battery pack in the handset charged?
- Connect a different telephone to the same wall socket. If the other telephone does not work, contact your Network operator.

THE BASE UNIT DOES NOT RING

- Check that the ringer is set to ON (see page 7).
- Does the total REN of equipment connected to your line exceed 3? If it does, disconnect other equipment until 3 is achieved (see page 18).
- Is it connected to a mains power socket and mains power switched on?

WHEN ON A CALL, A WARNING TONE IS HEARD

- The handset battery pack may be low (recharge for 14 hours).
- The handset may be out of range - move closer to the base unit.

NO DIAL TONE IS HEARD

- Has the handset battery pack been charged for 14 hours?
- Is the Base connected to a mains power socket and mains power switched on?
- Is the telephone line cord plugged into a telephone Network wall socket?

THE BASE UNIT RINGS BEFORE THE HANDSET

- This is normal for all cordless telephones.

THE HANDSET WILL NOT CONNECT WITH AN INCOMING CALL WHEN THE BASE UNIT RINGS

P Because this is a cordless telephone, the ringing signal has to be transmitted to the handset which can take a few seconds. It is important that a call is not picked-up on the handset until the handset rings.

THE HANDSET DOES NOT RING

P Is the ringer set to Off? (see page 7).

MEMORY DIALLING DOES NOT WORK

P Store a new number and try again (see page 8).

CALLS ARE NOT ANSWERED

Check that the system is switched on (see page 10).
Check that the system is NOT set to announce only (see page 11).

WARNING

In the event of a mains power failure it will not be possible to dial the emergency service numbers. An alternative line powered telephone should be used in this case.

It is recommended that you disconnect your telephone during a thunderstorm as you can get a shock from your telephone (and other electrical appliances). We recommend you follow these simple precautions during a thunderstorm:

Do not use your telephone unless the call is urgent.

If you must use your telephone, make the call as brief as possible and keep clear of electrical equipment and metal fixtures.

Do not stand in bare feet on uncovered concrete floors.

Do not touch brick or concrete walls.

NOTE: Do not install your telephone in damp or high humidity locations, such as a laundry or bathroom. If any damage is caused by such elements it is not covered by the manufacturers warranty.

REN (RN for New Zealand)

The REN (Ringer Equivalance Number) or RN is of significance only if you wish to connect more than 1 telephone to your telephone line. Your telephone line has a maximum REN capacity of 3 (RN of 5). Your Audioline FF893 has a REN of 1 (RN of 1), thus it is feasible to connect 2 (4) more telephones of a value of 1 to your system. You should not exceed a value of 3 (5) on the complete system, otherwise the volume of the ringer in any phone will decrease and one telephone may not ring at all.

CLEANING

The case should be cleaned by wiping with a damp cloth.

- # Do not use abrasives, solvents or spray polish that may enter through holes in the earpiece and mouthpiece and cause damage.
- # Do not place the telephone in direct sunlight or use in extreme humidity.
- # The battery contacts on the base and the handset should be cleaned regularly, ie. every 2 months with a pencil eraser and/or a dry soft cloth.

GUARANTEE

If you believe your FF893 is malfunctioning, please refer to the relevant section and/or consult the troubleshooting guide in this manual to ensure that you have followed the instructions carefully.

The FF893 is guaranteed for a period of 12 months from the date of purchase. In the unlikely event of a fault during this period, please contact us for assistance. If the product is then found to be faulty you will be asked to return it directly to us with a copy of the purchase receipt.

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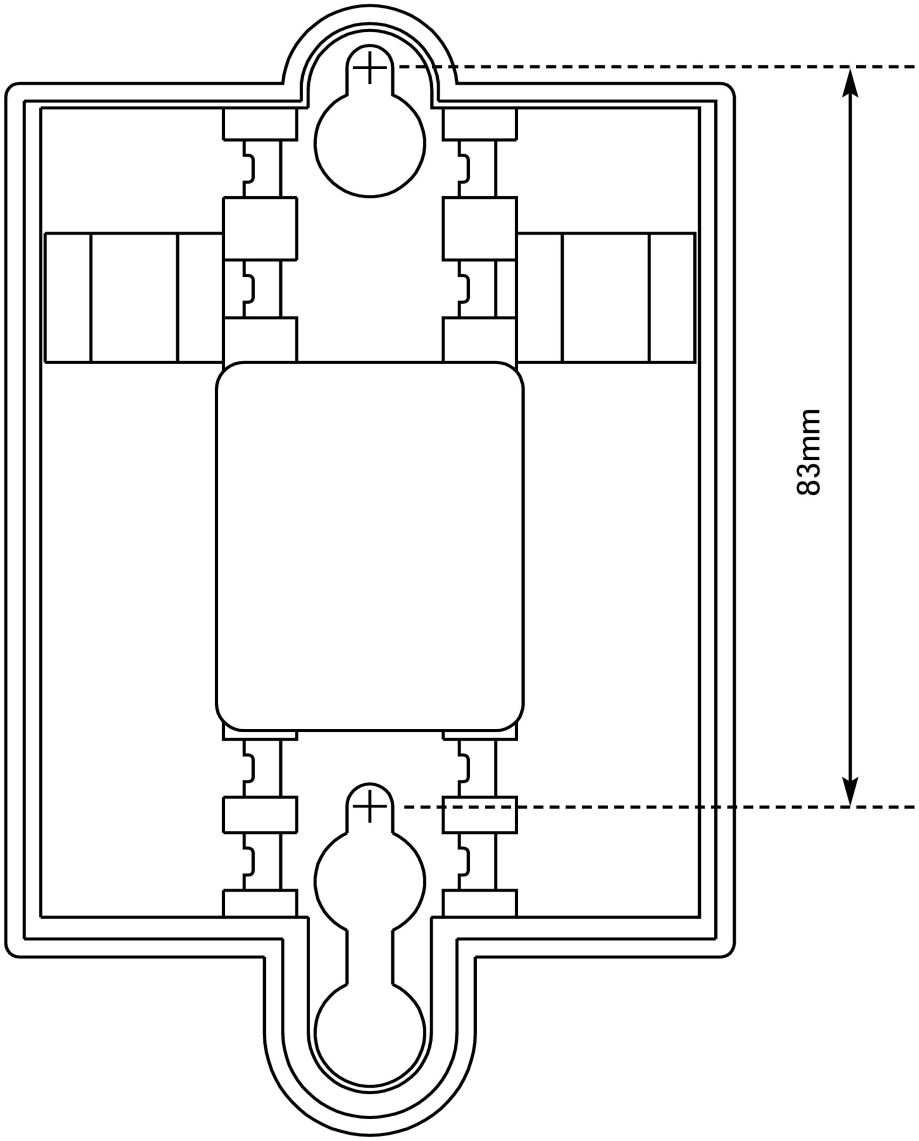
NOTE: The guarantee does not extend to damage caused by misuse, negligence, excessive voltage, faults on the telephone line or lightning. This guarantee in no way affects your statutory rights. DORO is the trademark of DORO AB.

WALL BRACKET INSTALLATION GUIDE

1. Put the telephone mounting bracket template on part of the wall which is free from obstructions and wiring.
2. Using a pencil, mark the two required fixings. Drill holes if required.
3. Run the cable from the phone through the wall mounting bracket.
4. Screw the mounting bracket to the wall using screws. It may be necessary to use plastic wall plugs to secure firmly. (Screws and plastic wall plugs not supplied.)
5. Clip one end of the cable into your phone.
6. Carefully align and slide the telephone onto the mounting bracket.
7. Plug the cable into your phone socket.



NOTES FOR OPERATION IN NEW ZEALAND

ALL PRODUCTS

The grant of a Telepermit for any item of terminal equipment indicates only that Telecom has accepted that the item complies with the minimum conditions for connection to its network. It indicates no endorsement of the product by Telecom, nor does it provide any sort of warranty. Above all, it provides no assurance that any item will work correctly in all respects with another item of Telepermitted equipment of a different make or model, nor does it imply that any product is compatible with all of Telecom's network services.

This equipment shall not be set to make automatic calls to the Telecom "111" Emergency Service. This equipment may not provide for the effective hand-over of a call to another device connected to the same line.

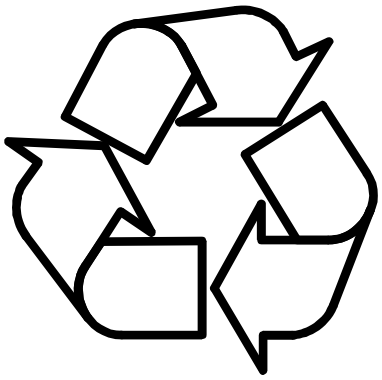
ANSWERING MACHINES

This equipment should not be used under any circumstances which may constitute a nuisance to the other Telecom customers.

All persons using this device for recording telephone conversations shall comply with New Zealand law. This requires that at least one party to the conversation is to be aware that it is being recorded. In addition, the Principles enumerated in the Privacy Act 1993 shall be complied with in respect to the nature of the personal information collected, the purpose for its collection, how it is used and what is disclosed to any other party.

IMPORTANT NOTICE

Under power failure conditions, this telephone may not operate. Please ensure that a separate telephone, not dependent on local power, is available for emergency use.



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